

REMARKS

Claims 1-25 are pending in the application. Claims 1-25 are rejected.

Claims 1-4 and 23-25 were rejected under 35 USC 102(e) as being anticipated by Sawada. Claim 1 includes "...a feedforward equalizer coupled to said input for producing in response to said input analog communication signal an equalized analog communication signal ...". Claim 23 includes "...feedforward equalizing an input analog communication signal to produce an equalized analog communication signal ...". The references of record do not show, teach, or suggest the above recited limitations of claims 1 and 23. The Sawada reference does not disclose a feedforward equalizer for producing an equalized analog communication signal. The prefilter 12 in Sawada is not an equalizer that produces an equalized analog communication signal. Claims 2-12 depend from claim 1. Claims 24 and 25 depend from claim 23. Therefore, claims 1-12 and 23-25 are believed to be allowable over the references of record.

Claims 13-16 were rejected under 35 USC 102(a) as being anticipated by Yang. Claim 13 includes "...said control information defined based on feedback coefficients used by a decision feedback equalizer in the communication receiver apparatus." The references of record do not show, teach, or suggest the above recited limitations of claim 13. The Yang reference does not disclose defining control information based on feedback coefficients used by a decision feedback equalizer. The filters in Yang do not define control information based on feedback coefficients used by a decision feedback equalizer. Claims 14-16 depend from claim 13. Therefore claims 13-16 are believed to be allowable over the references of record.

Claims 17 and 18 were rejected under 35 USC 103(a) as being unpatentable over Sawada in view of Drost. Claim 17 includes "...an equalizer coupled between said input and said output for providing said equalized communication signal in response to said input communication signal, said equalizer having a control input for receiving an equalizer coefficient, said equalizer further responsive to said equalizer coefficient for producing said equalized communication

signal ...". The references of record do not show, teach, or suggest the above recited limitations of claim 17. The Sawada reference does not disclose an equalizer having a control input for receiving an equalizer coefficient and further responsive to said equalizer coefficient for producing said equalized communication signal. Feedback filter 16 in Sawada is not an equalizer. Claims 18-22 depend from claim 17. Therefore claims 17-22 are believed to be allowable over the references of record.

It is believed that the above remarks and amendments are fully responsive to the Official Action. Reconsideration and allowance are therefore respectfully requested.

Respectfully submitted,

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